

ORIGINAL



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Subject: New River Ordnance Plant Desktop Audit

Given the data reviewed in the Desktop Audit for the New River Ordnance Plant, issued by the Norfolk Corps of Engineers, EPA-Region 3 has some concerns at the site, especially in light of the facility being situated in Karst terrain and drinking water wells being in close proximity to the site. The data revealed some problematic areas including:

Groundwater - Warehouse area

MW-26 1,1-dichloroethene @ 23 ug/l
1,1,1-trichloroethane @ 350 ug/l

MW-8 Bis(2-ethylhexyl) phthalate @ 450 ug/l

MW-11 - Benzo(a)anthracene - 84 ug/l

Sludge - Bag Loading Area H

Lead - 2,220 ppm
Aroclor 1254 - 2.34 ppm

Surface Soil - Bag Loading Area H

Pentachlorophenol - 126.9 ppm
Aroclor 1254 - 75 ppm

Surface Soil - Bag Loading Area I

Aroclor 1254 - 4.3 ppm

Wastewater - Area H

Lead - 27.0 ug/l
Cyanide - 30.0 ug/l

The contaminants listed are in addition to the contaminants associated with the conductive flooring found within the abandoned former Bag Loading buildings on the FUDs property. A comprehensive RI is needed for this site to determine the nature and extent of the contamination found.

Given that no further action is proposed in the Desk Top Audit, EPA-Region III is prepared to forward this information to the Site Assessment Section at EPA-Region III for possible use in scoring the site for the NPL.

Rob Thomson